

International Application No. PCT/EP02/14002

Attorney Docket No. 23077-09265

I.	⊠ Certi	ificate of M	ailing								
Γ	-	EV 441504692 US			l	11 April 2005					
ŀ		EV 441504692 US  Express Mail Mailing Number (optional)				ŀ	Date				
L					g the enclosures	I s identified	L d below.	is being deno	sited with t		tes Postal Service as first
	I hereby certify that this correspondence, including the enclosures identified below, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents & Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown above. If the Express Majl-Mailing Number is filled in above, then this correspondence is being deposited with the United States Postal Service								3-1450 on the date shown		
:	above. If the second	the Expres	s Mail-Mail	ing Number is fil ressee" service nu	lled in above, the	hen this co FR 1.10.	orrespor	idence is bein	ig deposited	i with the Un	ited States Postal Service
ſ	"Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.  John T. M.							n T. McNelis			
l			Signatur	e		1	Ī		Туре	d or printed na	me
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II.	□ New	Internation	nal Applicat	ion							
11.		The The Control	и прриси				<u> </u>				
	TITLE										Earliest priority date
										<del>  -</del>	(Day/Month/Year)
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	SCR	EENING I	DISCLOSUI	RE INFORMATI	ION: In order	to assist	in scree	ning the acco	mpanying i	nternational ap	pplication for purposes of
					mittai snould and	i could be j	granteu a	na tor other pr	urposes, me	tonowing into	rmation is supplied. (Note:
	A. $\square$	•	oxes as apply on disclosed	was not made in t	the United States	<b>.</b>					
	B. 🗆			pplication relating							
	c. 🗆	The follow	ing prior U.	S. application(s) c	ontain subject n	natter which	ch is rela	ted to the inv	ention discl	osed in the att	ached international application.
	(NO	TE: priority	to these app	olications may or n	nay not be claim	ed on form	PCT/RC	V101 (Request	t) and this li	sting does not	constitute a claim for priority)
	applicati	on no.					filing d	ate			
	applicati						filing d				
	D. 🔲							contains the sa	ame subject	matter as	contains less subject matter than,
				the prior U.S. application(s) identified in paragraph C above.							
	E. 🔲			national application  contains additional subject matter not found in the prior U.S. application(s) identified							
		in paragraph C above. The additional subject matter is found on pages and DOES NOT ALTER MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would									
		and D	UES NUL A	ALIEK   MIG	made available f	or inspection	on by the	appropriate d	efense ageno	ies under 35 U	J.S.C. 181 and 37 CFR
		-	7 CFR 5.15.				•	•• •			
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III.	A Res  A. '□			rom the RO/US. usion of Time to Fi		ocument(s)	is(aic) c	neiosea.			
	B.	-		ision of Time to Ti ieneral or Regular)							
	c. 🗆	Replaceme	• •								
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	<u> </u>	ges			of the descript	ion		pages			of the abstract
	pa	ges			of the claims				•		
	D. Submission of Priority Documents										
	Priority document Priority Document										
	E. 🔲	Fees as spe	cified on PC	T/RO/102 (Januar	ry 2003)					<del></del>	
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IV.	AR	equest for l	Rectification	under PCT Rule	91	<u> </u>	Petition		∐ A Se	quence Listin	g Diskette
	M 00	(1 '	lantifich D	esponse to Notice of	of Missing Deani	irements		<u> </u>			
V.	⊠ Oth	er (piease io	ientiry): Ke	esponse to Notice (	or Missing Requi	nements					
						<del></del>					
			Appli	cant						John T. McNo	lis
The person signing  Attorney/Agent (Reg. No.)  John T. McNelis  Typed name of sig											
The person signing						- A	ignor .				
this form is the:											
Common Representative											
										Signature	

PTO-1382 (Rev. 4-95)

U.S. Department of Commerce: Patent and Trademark Office

PTO-1390 (Rev. 02-2005) oved for use through 3/31/2007. OMB 0651-0021 park Office; U.S. DEPARTMENT OF COMMERCE U.S. Patent and T

Under the Paperwork Reduction Act 1995, no persons are required to respond to a collection of infe tion unless it displays a valid OMB control number.

•	Ť				O THE UNITED STATES O OFFICE (DO/EO/US)	ATTORNEYS DOCKET NUMBER 23077-09265				
	СО	•			ON UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/501,378				
INTE	ŘN	ATIO	NAL	APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
	PCT/EP02/14002 December 10, 2002 January 17, 2002 TITLE OF INVENTION									
				s in Mult-Objective Op	timization (MOO)					
Yao	APPLICANTS FOR DO/EO/US Yaochu Jin et al.									
Appl	ican	t her	ewit	h submits to the United	States Designated/Elected Office	(DO/EO/US) the following items and other information:				
1.		This	This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.							
2.	Ø	This	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3.		This (5),	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4.		The	US	has been elected (Artic	cle 31).	· ·				
5.		A co	ру с	of the International App	lication as filed (35 U.S.C. 371(c)(2	))				
		a.		is attached hereto (re-	quired only if not transmitted by the	International Bureau).				
		b.		has been communica	ted by the International Bureau.					
		C.		is not required, as the	application was filed in the United	States Receiving Office (RO/US).				
6.		An E	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
		a.		is attached hereto.						
		b.		has been previously s	submitted under 35 U.S.C. 154(d)(4)	).				
7.		Ame	endr	nents to the claims of t	he International Application under F	PCT Article 19 (35 U.S.C. 371(c)(3))				
		a.		are attached hereto (i	equired only if not transmitted by th	e International Bureau).				
		b.		have been communic	ated by the International Bureau.					
		c.	c.  have not been made; however, the time limit for making such amendments has NOT expired.							
		d.	d. 🗋 have not been made and will not be made.							
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
	Iter	ns 1'	l to	20 below concern do	cument(s) or information include	d:				
11.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12.	$\boxtimes$	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13.		A preliminary amendment.								
14.		An Application Data Sheet Under 37 CFR 1.76.								
15.		A substitute specification.								
16.	$\boxtimes$	A power of attorney.								
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.								
18.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).								
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								
20	M	Other items or information: One-Month Petition for Extension of Time under 37 CFR 1.136(a)								

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and 1995, no persons are required to respond to a collection of in

PTO-1390 (Rev. 02-2005) groved for use through 3/31/2007. OMB 0651-0021 nark Office; U.S. DEPARTMENT OF COMMERCE ation unless it displays a valid OMB control number.

U.S. APPLICATION 10/501,378	ON NO. (if known,	ATTORNEY'S DOCKET NUMBER 23077-09265						
The follow	wing fees have bee	CALCULATIONS	PTO USE ONLY					
	national fee							
PCT Article 3:	nation fee eliminary examinar 3(1)-(4)s	\$						
23.  Search	n fee				-			
Internation	FR 1.445(a)(2)) ha nal Searching Author orch Report prepare							
All other situation	ns	\$						
	Total of 21, 22 and	\$						
sequence li	ee for specification sting or computer page 250 for each addit							
Total Sheets	Extra Sheets		additional 50 or fraction to a whole number)	RATE				
- 100 =	/50 =			X \$250	\$			
Surcharge of \$13			ation later than 30 months fr	om the earliest	\$130.00			
claimed priority of CLAIMS	late (37 CFR 1.492 NUMB	(h)). SER FILED	NUMBER EXTRA	RATE	\$130.00			
Total claims		- 20 =		x \$50	\$			
Independent cla		- 3 =		x \$200	\$			
MULTIPLE DEP	ENDENT CLAIM(S	) (if applicable)		+ \$360	\$			
			TOTAL OF ABOV	E CALCULATIONS =	\$130.00			
☐ Applicant cla	ims small entity st	atus. See 37 CFR	1.27. Fees above are reduce	ced by 1/2.	\$			
				SUBTOTAL =	\$130.00			
Processing fee of claimed priority of	of <b>\$130.00</b> for furnis	\$						
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Fee for recording	g the enclosed ass e cover sheet (37 (	ust be accompanied +	\$40.00					
' ' '	for Extension of Tir	\$120.00						
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, 011017		130.00 OP			refunded: Amount to be	\$290.00		
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a. 🛭 Chec	ks in the amount	of \$130.00, \$12	0.00 and \$40.00 to cover	the above fees is en	closed.			
b.	b. Please charge my Deposit Account No. 19-2555 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.							
c.  The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Account No. 19-2555. A duplicate copy of this sheet is enclosed.								
<ul> <li>d.           Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</li> </ul>								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b))								
NOTE: Where must be filed	e an appropriate and granted to	n to revive (37 CFR 1. <sup>.</sup> \    /	า <i>ง/</i> (a) or (b))					
SEND ALL CORRESPONDENCE TO:								
John T. McNelis								
Fenwick & West LLP								
801 California Street  Mountain View, CA 94041  NAME: John T. McNelis								
iviountain viev	v, CA <del>3404</del> 1	lis						
		IBER: 37 186						

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## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS

P.O. Dox 1450 Alexandria, Vinginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.

ATTY. DOCKET NO.

10/501,378

FIRST NAMED APPLICANT Yaochu Jin

23077-09265

INTERNATIONAL APPLICATION NO.

PCT/EP02/14002

LA. FILING DATE

PRIORITY DATE

12/10/2002

Fenwick & West Silicon Valley Center 801 California Street Mountain View, CA 94041

Fenwick & West

**CONFIRMATION NO. 4652 371 FORMALITIES LETTER** 

\*OC000000014935775\*

Date Mailed: 01/12/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/13/2004
- Copy of the International Search Report filed on 07/13/2004
- Copy of IPE Report filed on 07/13/2004
- Preliminary Amendments filed on 07/13/2004
- Copy of references cited in ISR filed on 07/13/2004
- U.S. Basic National Fees filed on 07/13/2004
- Priority Documents filed on 07/13/2004

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

• Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

DEBORAH D WILLIAMS

Telephone: (703) 305-3744

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/501,378	PCT/EP02/14002	23077-09265

FORM PCT/DO/EO/905 (371 Formalities Notice)